

Date: Monday, 10/22/2007 3:59:59 PM  
User: Kim Johnston

# Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : PIP PIN
Job Number : 35313	
Estimate Number : 12333	
P.O. Number : <i>N/A</i>	Part Number : D34893200
This Issue : 10/22/2007 S.O. No. : <i>N/A</i>	Drawing Number : D3489 REV A
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>N/A</i> Type : PURCHASED PARTS	Drawing Revision : A
Previous Run : 26707	Material : <i>N/A</i>
Written By : <i>[Signature]</i>	Due Date : 10/29/2007 Qty: 20 Um: Each
Checked & Approved By : <i>[Signature]</i> 07.10.23	
Comment : Est Rev:A New Issue 06-03-10 JLM	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	PG	PURCHASING
-----	----	------------



Comment: PURCHASING  
Issue P/O: *4876*  
P/N: 806206  
Possible Supplier: Jergens

*C207110123*  
*(20)*

2.0	806206	PIP PIN
-----	--------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 20.0000 Each(s)  
PIP PIN

3.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1  
Receive & Inspect For Transit Damage  
Ensure material certification is attached

*10/10/24 (20)*

4.0	QC6	DIMENSIONAL CHECK
-----	-----	-------------------



Comment: DIMENSIONAL CHECK

*10/10/29 (20)*

5.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1  
Identify and Stock  
Location: *57104*

*10/10/29 (20)*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: LD Date: 01/10/07  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 10/22/2007 3:59:59 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PIP PIN

Job Number: 35313

Part Number: D34893200

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



(28)

Comment: FINAL INSPECTION/W/O RELEASE

10/27/07

Job Completion



U 10-29

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3489	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE PIP PIN	SCALE NTS
A	06.01.04	NEW ISSUE	

RELEASED  
66-3-21 CP

## SPECIFICATION CONTROL DRAWING

### 1) SPECIFICATION: D3489-X-YYY PIP PIN

WHERE 'X' IS THE NOMINAL SIZE IN 1/16THS OF AN INCH  
AND 'YYY' IS THE GRIP LENGTH IN TENTHS OF INCHES

FOR EXAMPLE, D3489-3-050 IS 3/16" NOMINAL O.D. WITH 0.50" GRIP

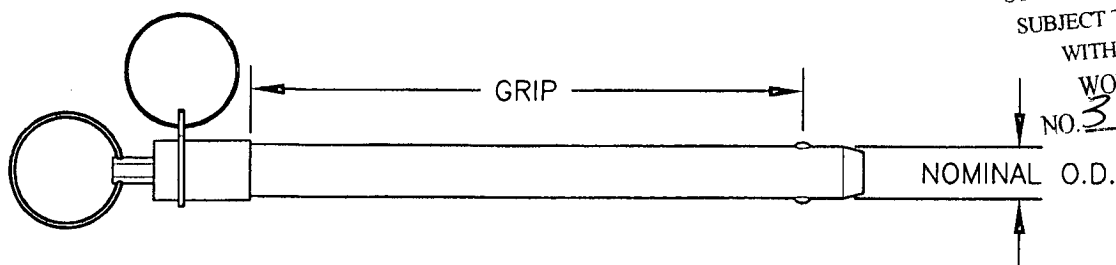
### 2) ACCEPTABLE SUPPLIERS / PART NUMBERS TO PURCHASE

DART P/N	Nominal O.D.	GRIP	Possible Suppliers	
			JERGENS	REID
D3489-3-050	3/16"	0.50	806200	DARS-000D
D3489-3-075	3/16"	0.75	806201	-
D3489-3-100	3/16"	1.00	806202	DARS-001
D3489-3-125	3/16"	1.25	806203	-
D3489-3-150	3/16"	1.50	806204	-
D3489-3-175	3/16"	1.75	806205	-
D3489-3-200	3/16"	2.00	806206	DARS-004
D3489-3-250	3/16"	2.50	806208	DARS-005
D3489-3-300	3/16"	3.00	806209	-
D3489-4-050	1/4"	0.50	806216	DARS-009
D3489-4-075	1/4"	0.75	806217	-
D3489-4-100	1/4"	1.00	806218	-
D3489-4-125	1/4"	1.25	806219	-
D3489-4-150	1/4"	1.50	806220	DARS-020
D3489-4-175	1/4"	1.75	806221	-
D3489-4-200	1/4"	2.00	806222	DARS-030
D3489-4-250	1/4"	2.50	806224	DARS-035
D3489-4-300	1/4"	3.00	806225	DARS-040
D3489-4-400	1/4"	4.00	808227	DARS-050

### 3) DESCRIPTION: DOUBLE ACTING, STAINLESS STEEL, QUICK-RELEASE BALL LOCK PINS WITH RING HANDLE

### 4) MATERIAL: STAINLESS STEEL. MIN. PULL OUT STRENGTH = 200LBS (3/16" PINS) OR 230LBS (1/4" PINS). MIN. DOUBLE SHEAR = 5150LBS (3/16" PINS) OR 9200LBS (1/4" PINS).

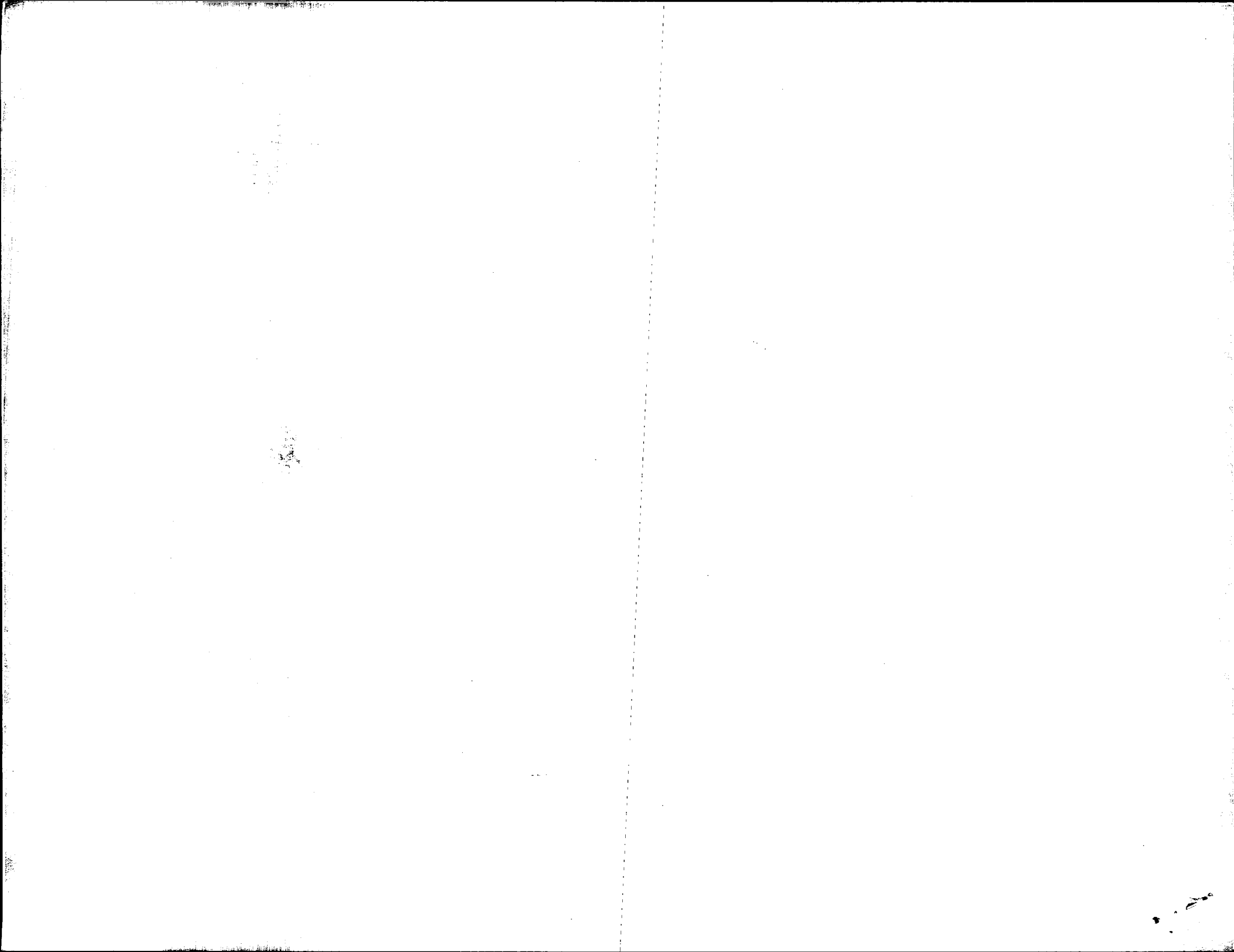
### 5) ALL DIMENSIONS ARE IN INCHES



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 35313

Copyright © 2006 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED  
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



HASKINS INDUSTRIAL INC.  
5-52 ANTARES DRIVE

\*\* PACKING SLIP \*\*

Order # 1224234.00

NEPEAN, ONTARIO K2E 7Z1  
TEL (613)723-8800 FAX (613)723-8806

Order Date 10/23/07

Page 1 of 1

Sold To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

Ship To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7

HAWKESBURY, ON  
K6A 1K7

Cust Phone #  
(613)632-5200

Warehouse  
OTTAWA

F.O.B.  
DEST

Taken By  
Sylvie ext222

Cust #	Customer P/O #	Required	Orig Order	Slsm	Ship Via	Terms
05168	4876	10/24/07	1224234.00	PL	DICOM	NET 30

Bin #	Bin #	Order UM	Ship	B/O Product	Description	
1	030140	20	EA	20	JG-806206	3/16 DBL ACTION RING HANDLE 806206

*S*  
*10/29*

*Complete*

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED
- CL= QTY NOT SHIPPED WAS CANCELLED
- SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL *UP* PACK *UP* DATE *10 23/7*  
Printed on 2007-10-23 at 13:35